## 38th Annual Meeting, APS Division of Plasma Physics 11-15 November 1996—Denver, CO

## ABSTRACT SUBMITTAL FORM

Subj	ect Classification Category <u>1.11</u>	X Theory
	Low Temperature Plasma Abl. Bardsley, C. D. Boley, M. D. Feit, Kozlowski, R. A. London, B. M. Rubenchik, Lawrence Livermore Nation and F. Kappler, Forschungszentrum, Karis relatively well understood at high hydrodynamic treatment is approprimodels can be used when the surface to the critical temperature. However, for in the range from 0.1 to 5 eV, the aunderstood. This temperature regime modeling of damage to NIF optics heating of surface particles, laser dablation of divertor plates during ditokamak. We discuss the transition from the town temperatures to an hydrodynate temperatures.  * Work performed under the auspices of the Livermore National Laboratory under Contract.	A. E. Koniges, M. R. Penetrante, and S. Pal Laboratory, H. Würz rlsruhe, Plasma ablation temperatures, where a riate, and evaporation temperatures are below r surface temperatures ablation process is less e is encountered in our associated with laser drilling of metals, and disruptions in the ITER om a kinetic treatment amic treatment at high
X	Prefer Poster Session Prefer Oral Session This poster/oral should be placed in the following	Submitted by:
	Special Facilities Requested (e.g., movie projector)	(Signature of APS Member)  David C. Eder (Same Name Typewritten)  Lawrence Livermore National Laboratory P. O. Box 5508, L-477, Livermore, CA 94550
☐ A fax	Other Special Requests  Please do not have at same time as presentation by A. E. Koniges  as ded copy is NOT acceptable. This form, or a computer	Tel: (510) 423-3483 Fax: (510) 423-9208  Email: eder1@llnl.gov

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